

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Snyder oil Company

3. ADDRESS OF OPERATOR
410 17th Street, Suite 1300 Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
1511' FWL 1461' FSL 35-6S-21E NE SW
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles south Vernal Utah

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 1715

16. NO. OF ACRES IN LEASE 635.15

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1461

19. PROPOSED DEPTH 3520 Green River

20. ROTARY OR CABLE TOOLS Rotary

22. APPROX. DATE WORK WILL START* 1-1-81

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4748 ungraded ground

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	200	Sufficient to reach surface. Depends on productive zones
7 7/8	5 1/2	15.5	TD	

See attached:

- 1) Ten Point Drilling Program
- 2) Multipoint Surface Use and Operation Plan

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 11/21/80

BY: KB Fugate

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED John McCatham TITLE Agent DATE 11-11-80
(This space for Federal or State office use)

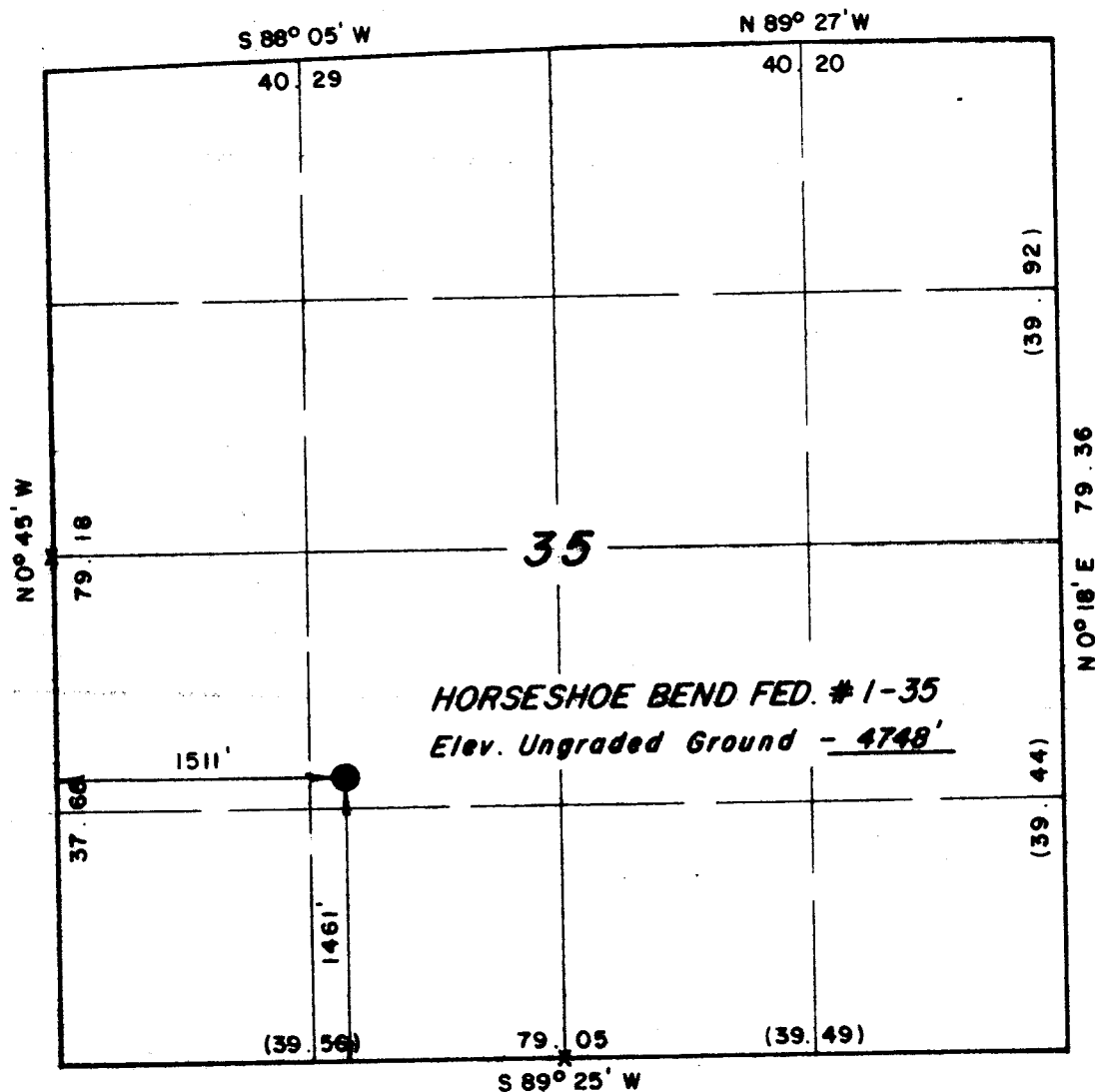
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

T 6 S, R 21 E, S.L.B. & M.

PROJECT
SNYDER OIL COMPANY

Well location, **HORSESHOE BEND**
FED. # 1-35, located as shown in the
NE 1/4 SW 1/4 Section 35, T6S, R21E,
S.L.B. & M. Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

Lawrence C. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 11 / 6 / 80
PARTY LDT TJ BFW	REFERENCES GLO Plat
WEATHER Fair	FILE SNYDER

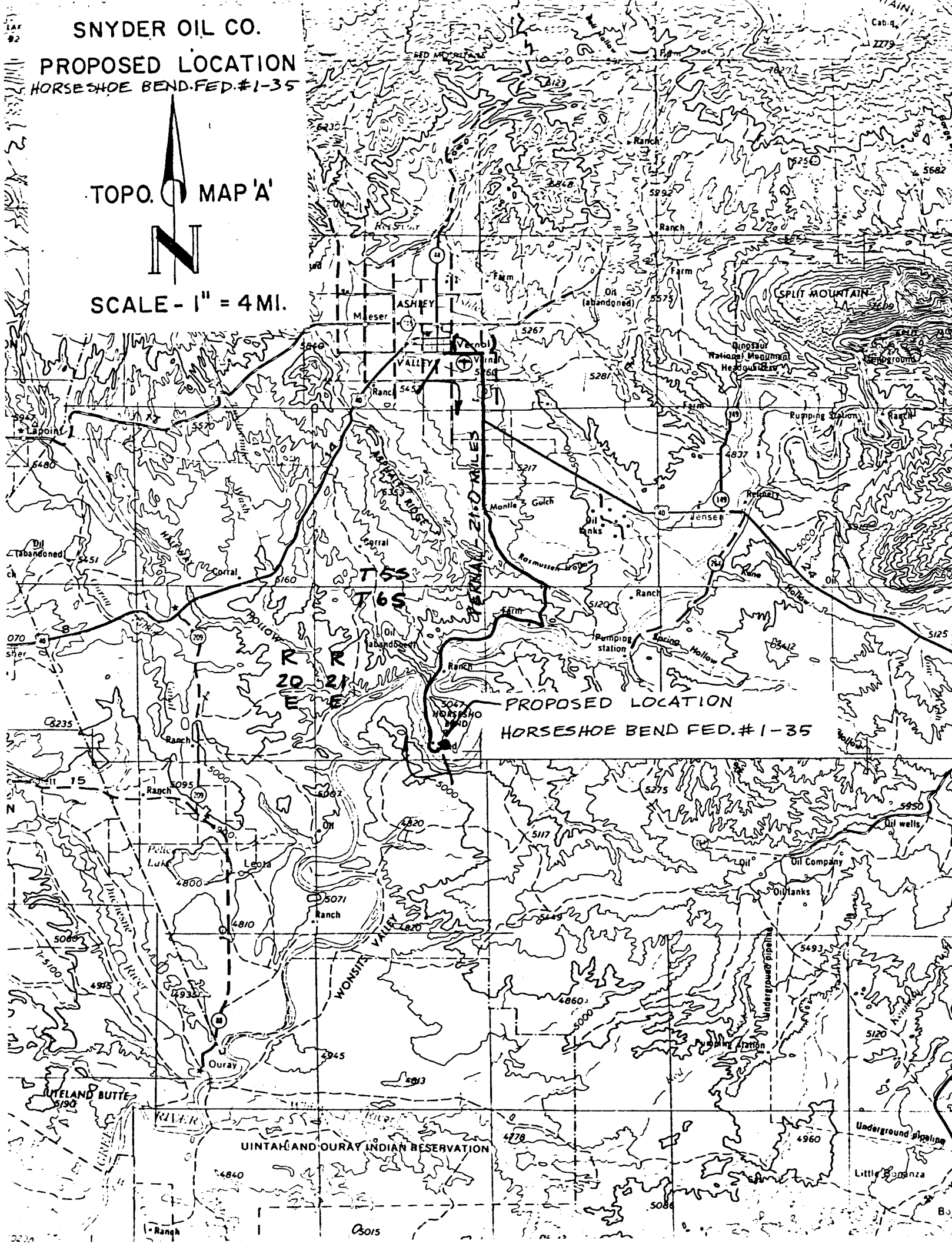
SNYDER OIL CO.

PROPOSED LOCATION
HORSESHOE BEND FED.#1-35

TOPO. MAP 'A'



SCALE - 1" = 4 MI.



3) LOCATION OF EXISTING WELLS

Within a one mile radius the following wells are identified by category and listed below.

1. Water wells - none

2. Abandoned wells - producing

NWNW 35-6S-21E

NWNW 36-6S-21E

NWSE 26-6S-21E

NWSE 27-6S-21E

Dry holes - none

3. Temporarily abandoned wells - none

4. Disposal wells - none

5. Drilling wells - none

Locations: NWSW 26-6S-21E

SWNW 27-6S-21E

6. Producing wells

SENW 35-6S-21E

SESW 35-6S-21E

NWNE 3-7S-21E

NESW 1-7S-21E

7. Shut-in wells - none

8. Injection wells - none

9. Monitoring or observation wells - none

Federal 1-35

The surface formation is llinta

[illegible]

S = Steam

<u>Hole Size</u>	<u>Casing Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Thrd & Cond</u>	<u>Depth</u>
12 1/4	8 5/8	K-55	24.0	STC	200'
7 7/8	5 1/2	K-55	15.5	STC	TD

As checked below the following equipment will be utilized for detection and control during the drilling operation.

Size 10" Pressure Rating 3000 PSI

Pipe Rams	4 1/2	Blind Rams	yes	Pipe Rams	no
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Annular Preventor no

Rotating Head No

Kill Line Size 2" x 3000 PSI Valves 2" x 3000 PSI Check 2" x 3000 PSI

MANIFOLD

Size 2" Valves 2" Pressure 3000 PSI

Positive Choke yes Adjustable Choke yes

Hydraulic Choke no

Power Operated Valve no

See Exhibit I attached for additional detail BOP Equipment will be installed prior
to drilling below 8 5/8" casing, BOP's and casing will be tested to 1000 PSI using rig
pump.

6) DRILLING FLUIDS

<u>Interval</u>	<u>Type Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0-200'	Gel-Lime	9.0	35-40	N/C	
200-TD	Low solids	8.6 - 9.0	27-29	12-15	
	Non dispersed				

Possible Sub Normal Pressured Zones Green River

Possible Abnormal Pressured Zones None

7) AUXILIARY EQUIPMENT

Upper Kelly Cock yes

Lower Kelly Cock no

Floor Valve DP yes

Floor Valve DC yes

Float in DC per contractor specifications

Inside BOP (Dart Valve) no

ADDITIONAL DETECTION EQUIPMENT & SERVICE

Mud Logging Unit gas detector
Pit Volume Totalizer no
Flow Line Sensor no
Flow Line Temperature no
Sour Gas Detector no
Pump Stroke Counter no
Degasser no
Mud Gas Separator no
Drilling Data Unit no
Other none

8) EVALUATION

A) Testing

All significant hydrocarbon shows will be drill stem tested. There will probably be 2 DST's

B) Logging

<u>Depth</u>	<u>Electric Wireline Logs</u>	<u>Interval</u>
Total Depth	DIL/GR, FDC/CNL	200'-TD

C) Coring

<u>Formation</u>	<u>Type Core</u>	<u>Analysis</u>
none		

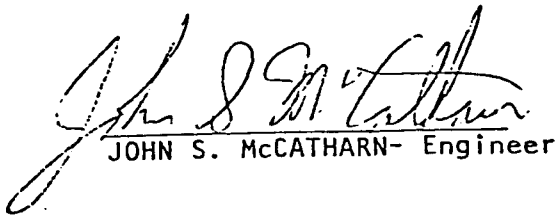
Snyder Oil Co
Fed 1-35

9) DRILLING HAZARDS

None expected

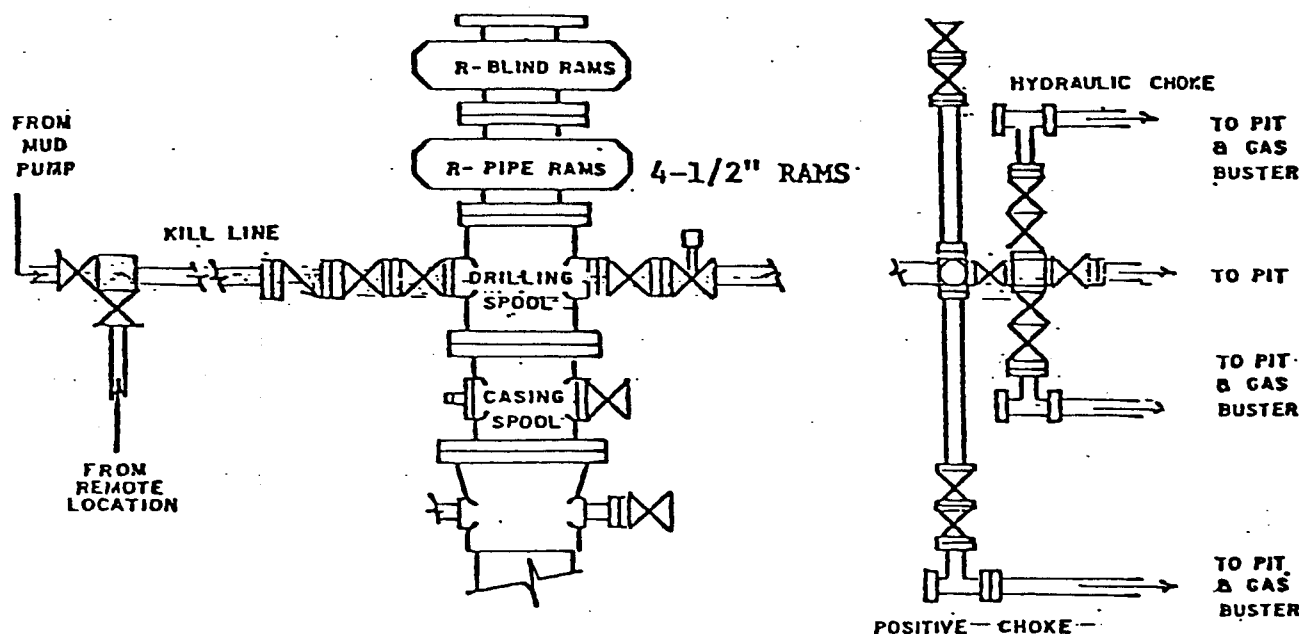
10) STARTING DATE 1-1-81 DURATION 10 DAYS

DRILLING PROGRAM PREPARED BY ENERGY DRILLING SPECIALISTS, INC.


JOHN S. McCATHARN- Engineer

(EXHIBIT 1) 3000 psi

psi Working Pressure BOP's



Note: Pipe rams to be operated daily. Blind rams to be operated each trip.

Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

Snyder Oil Co.
Horseshoe Bend Federal 1-35

1) EXISTING ROADS

See attached topographic maps A & B. Directions are take Highway 40 south from Vernal. Continue south when highway 40 veers east for a total of 20.4 miles. The road presently runs next to the location, so no new road construction is needed.

2) PLANNED ACCESS ROAD

No new road will need to be constructed in order to gain access to the location.

Onsite inspection field comments:

4)

LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES AND PRODUCTION
GATHERING AND SERVICE LINES

At the present time there are no Snyder Oil Company batteries, production facilities, oil gathering lines, gas gathering lines, injection or disposal lines within a two mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with the native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Items #7 and #10 and these requirements and standards will be adhered to.

If production facilities are necessary, these facilities will be constructed as shown in Figure 1.

Onsite inspection field comments

5) LOCATION AND TYPE OF WATER SUPPLY

Water will be pumped from the Green River. The length of water line will be under 1 mile. A state water permit has been approved and is enclosed.

The existing roads and proposed roads previously noted will be all that are needed. No water well will be drilled for this operation.

Onsite inspection field comments:

6) SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required the appropriate actions will be taken to acquire them from private sources.

7) METHODS FOR HANDLING WASTE DISPOSAL

See location Layout Sheet. A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals. A test tank will be used to contain produced fluids.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, domestic animals.

On the onset of drilling, this reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

Trash will be placed in a completely enclosed container and hauled off the location.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8) ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9) WELL SITE LAYOUT

See attached Location Layout Sheet. The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10) PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin as soon as possible after the reserve pit has dried up, and will be completed without undue delay.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11) OTHER INFORMATION

The drillsite is located in an area of moderate slope (see cross section). The Surface is the Uinta formation, light brown sandy clay with sparse sagebrush cover. There are no trees on the proposed location.

General use of the surface is grazing. The new road and location are federally owned.

An archeological report will be filed on this prospect under separate cover.

The closest water is located in the Green River.

Onsite inspection field comments:

12) LESSEE's OR OPERATOR's REPRESENTATIVE

Paul Gayer
Snyder Oil Company
410 17th Street Suite 1300
Denver, Co. 80202

Telephone - 303-573-6521

13) CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route. That I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Snyder Oil Company and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.


JOHN S. McCATHARN

I hereby certify that John S. McCatharn as my agent, has prepared the drilling program, Application for Permit to Drill and supplemental information contained herein. I have reviewed this application and hereby acknowledge that the plans, terms and conditions outlined herein will be performed by Snyder Oil Company.

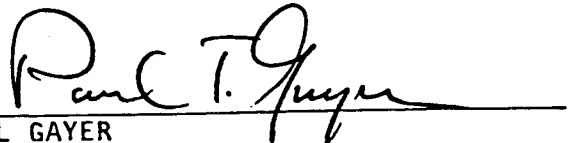
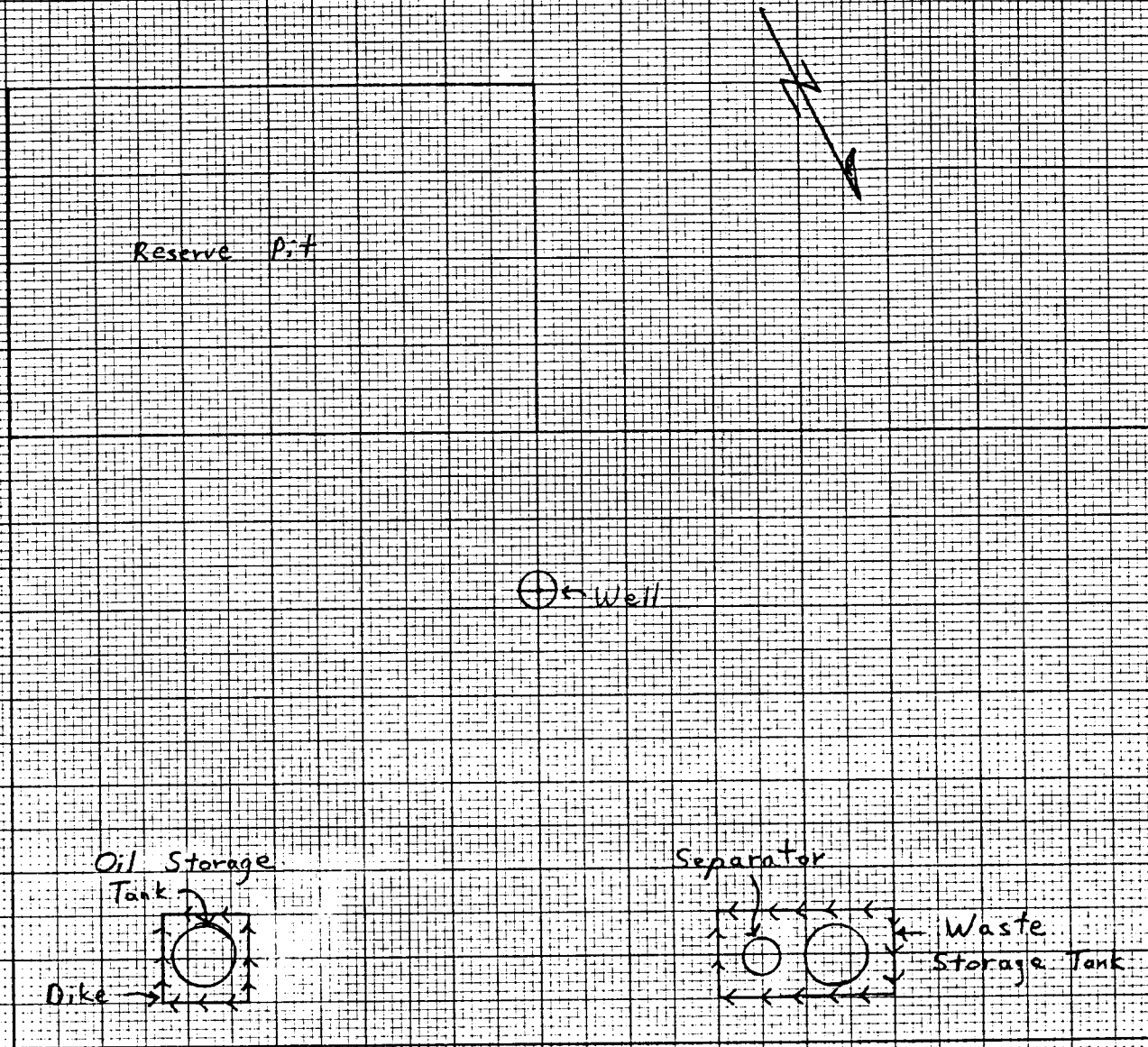

PAUL GAYER

FIGURE 1

FUTURE PRODUCTION FACILITY LAYOUT

Snyder Oil Company
Horse shoe Bend Federal #1-35
NW SE Section 35 T6S R21E
Uintah County, Utah



Separator and Tanks are to be located in areas of cut.

Scale: 1" = 50'

SNYDER OIL CO.

PROPOSED LOCATION
HORSESHOE BEND FED.#1-35

TOPO. MAP 'B'

SCALE - 1" = 2000'

ROAD CLASSIFICATION

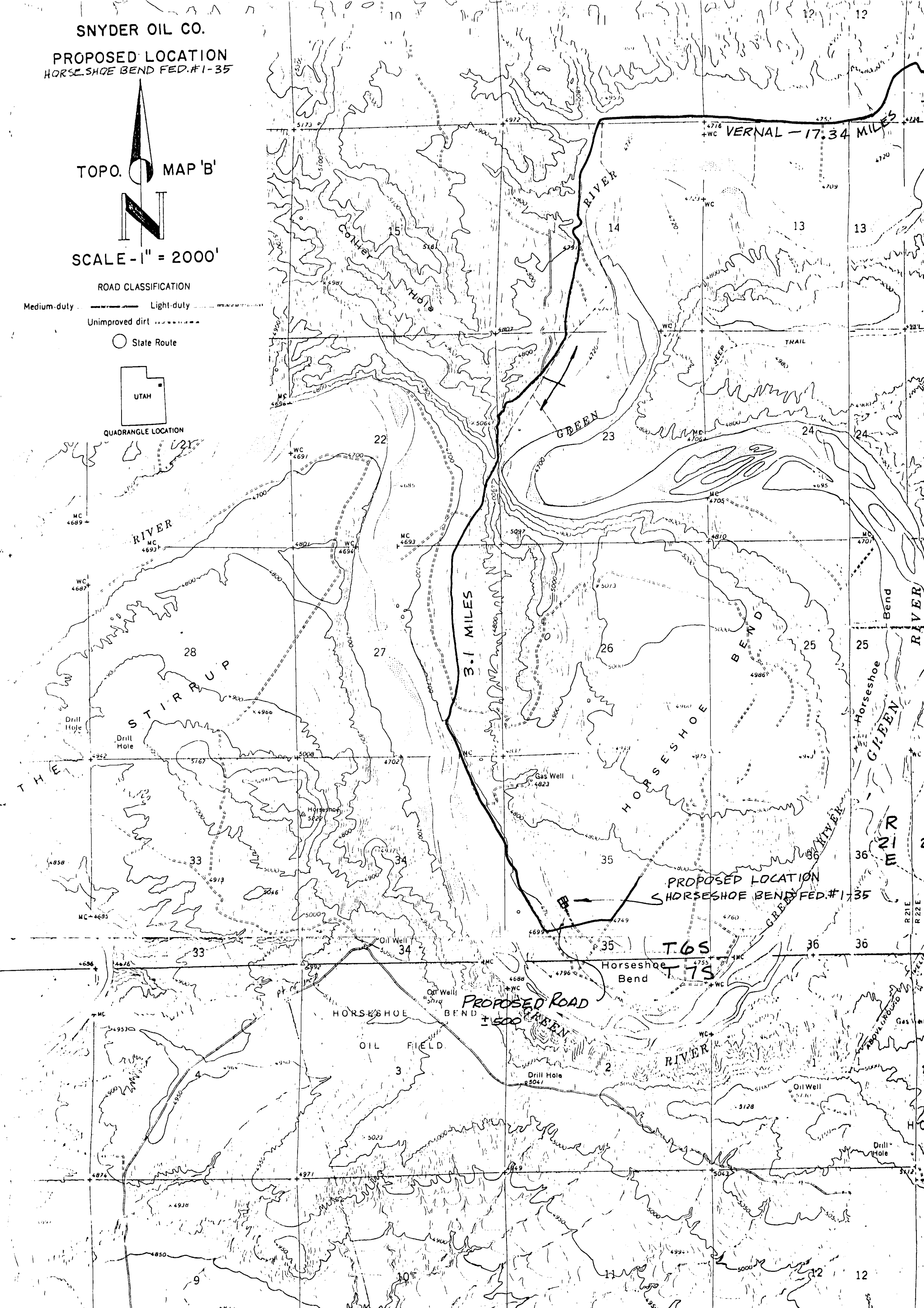
Medium-duty ——— Light-duty - - - - -

Unimproved dirt State Route

○ State Route

UTAH

QUADRANGLE LOCATION



LOCATION
ND FED.#1-35

$$1'' = 2000'$$

CLASSIFICATION

Light-duty

ate Roule

□

FILE LOCATION

IVER

28
TIRUPUR

—

2

3.1 MILES

VERNAL - 17.34 MILES

PROPOSED LOCATION
HORSESHOE BEND FED.#1-35

T-65

4755
T 75

PROPOSED ROAD

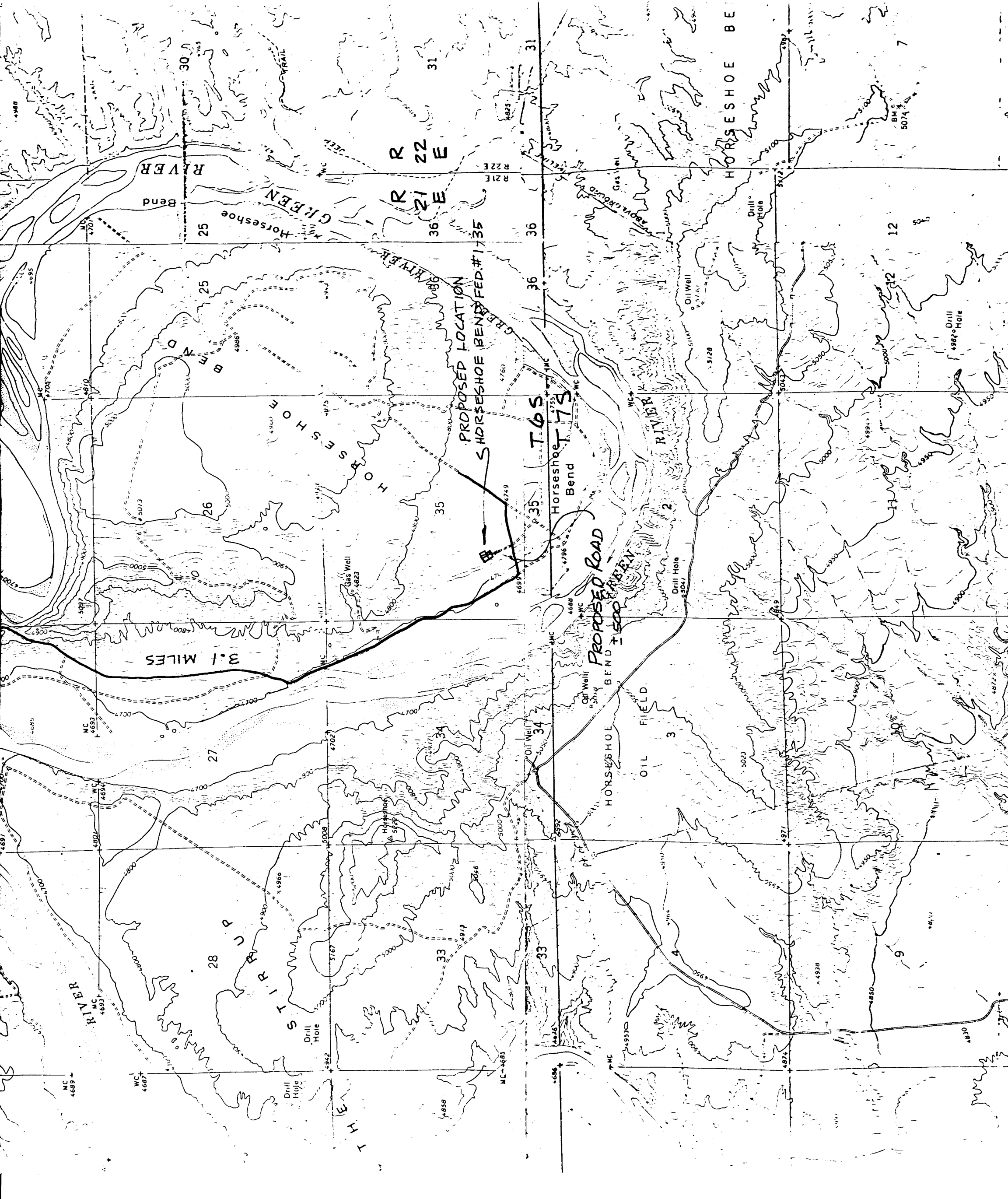
HORSESHOE

011 FIELD

RIVER

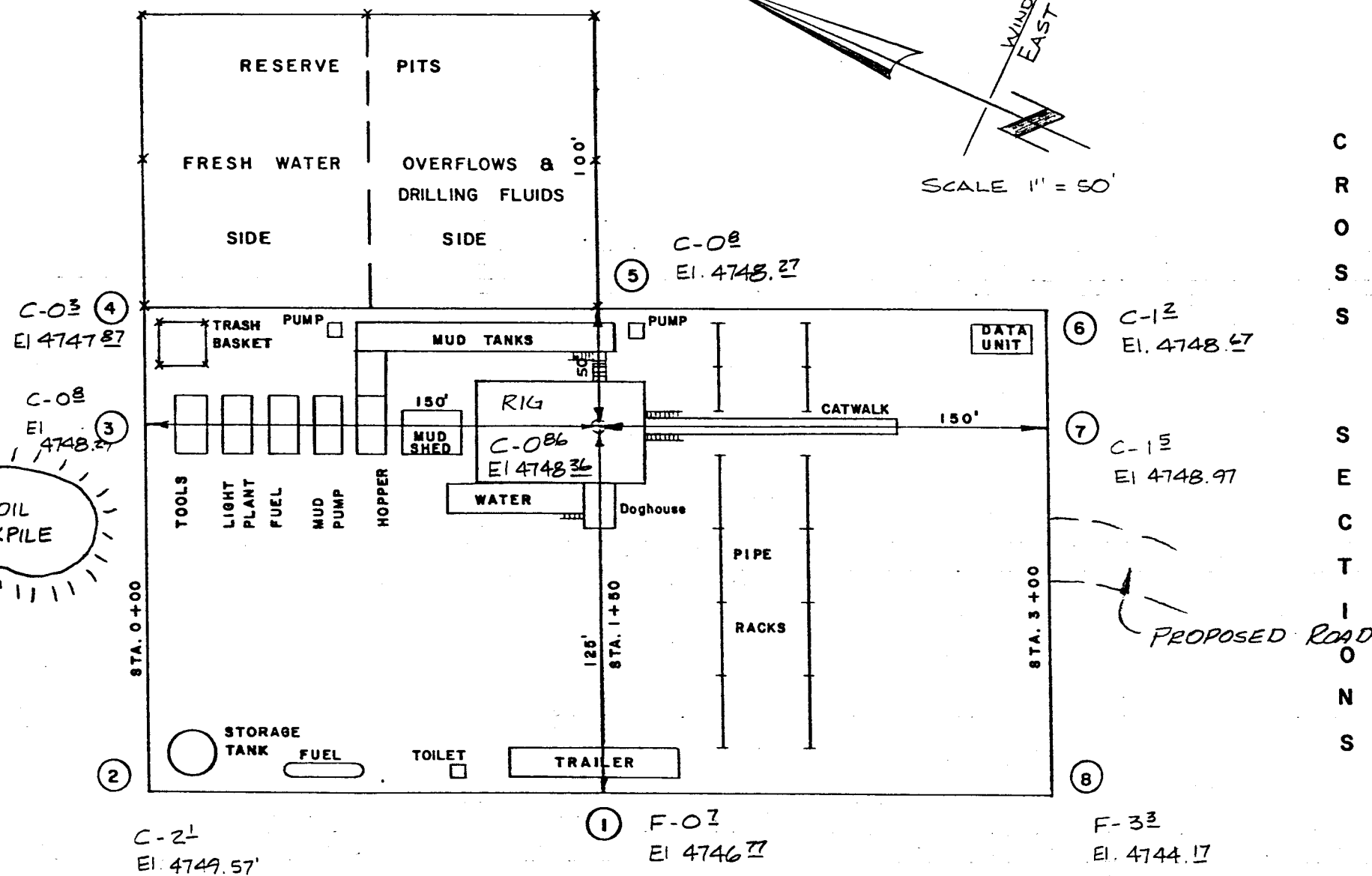
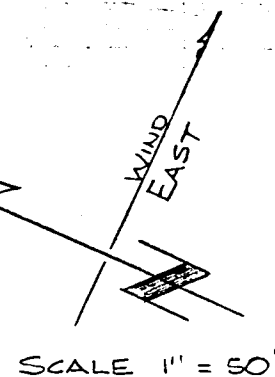
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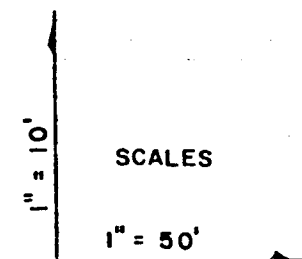
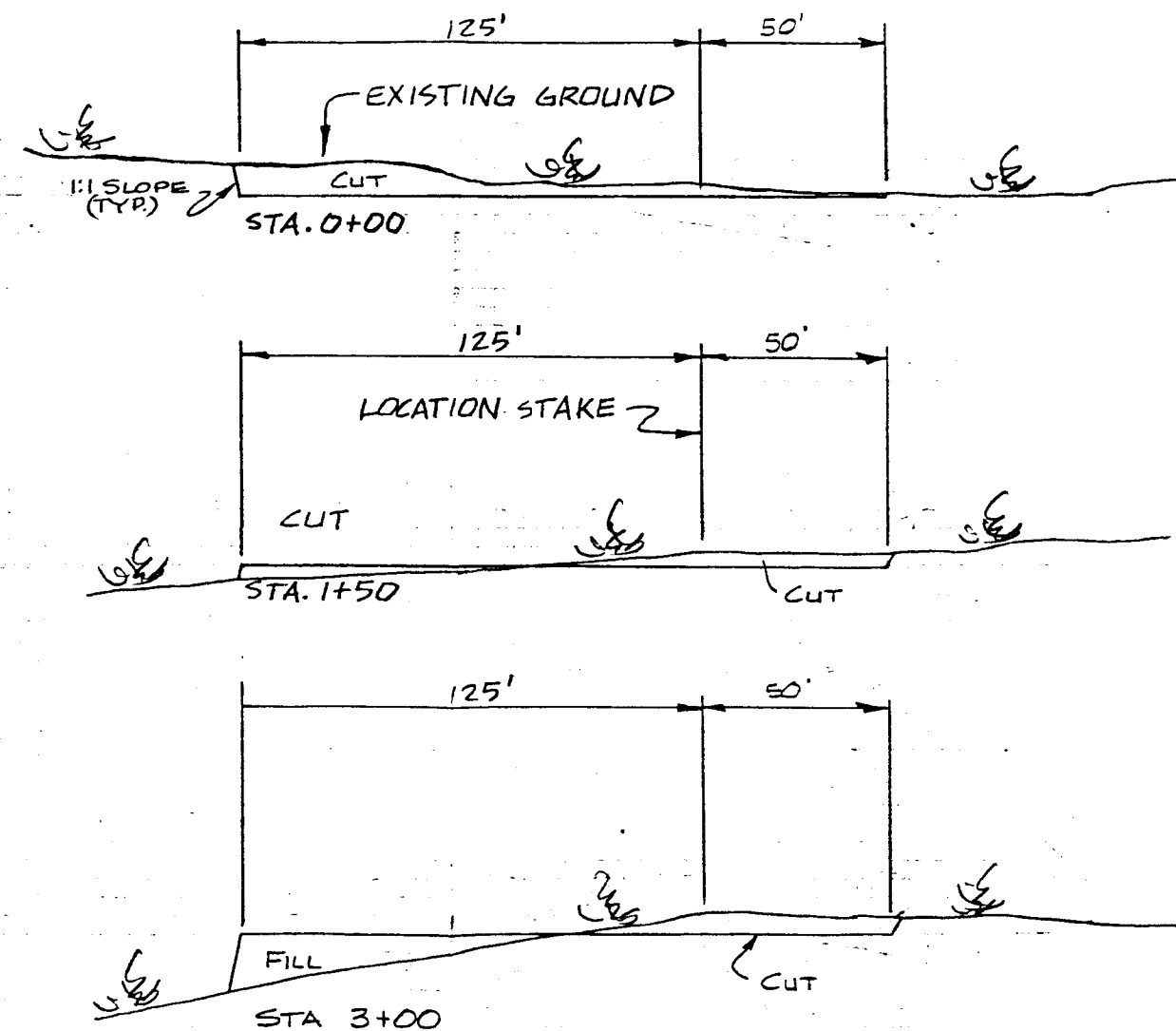
SNYDER OIL COMPANY

HORSESHOE BEND FED. #1-35



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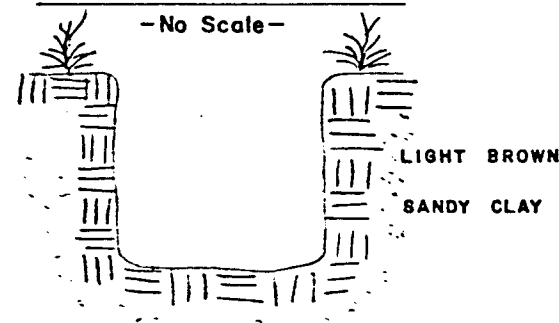


APPROXIMATE YARDAGES

Cubic Yards of Cut - 1,231
Cubic Yards of Fill - 534

SOILS LITHOLOGY

- No Scale -



APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

45-4564

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☐ Domestic ☐ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒

2. The name of the applicant is Snyder Oil Company

3. The Post Office address of the applicant is 410 17th St., Denver, Colo. 80202

4. The quantity of water to be appropriated 65 second-feet and/or 52 acre-feet

5. The water is to be used for drilling gas wells from November 1 to February 28, 1981
(Major Purpose) (Month) (Day) (Month) (Day)

other use period None from to
(Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from not stored to
(Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is
(Leave Blank)

7. The direct source of supply is* Green River
(Name of stream or other source).

which is tributary to Colorado River, tributary to Pacific Ocean

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Uintah County, situated at a point*
see page 2

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of 3" aluminum pipeline and portable pump
to pump water from the Green River

10. If water is to be stored, give capacity of reservoir in acre-feet 1.29 height of dam none
area inundated in acres .17 legal subdivision of area inundated
Water will be stored in tanks at areas listed in question 20.

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
Not for irrigation

 Total Acres

12. Is the land owned by the applicant? Yes No X If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes No X
If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity.
Not for power.

15. If application is for mining, the water will be used in Mining District at
the mine, where the following ores are mined

16. If application is for stockwatering purposes, number and kind of stock watered

17. If application is for domestic purposes, number of persons , or families

18. If application is for municipal purposes, name of municipality

19. If application is for other uses, include general description of proposed uses The water will be
used to furnish water to drill 4 gas wells.

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. See second page

21. The use of water as set forth in this application will consume 65/52 second-feet and/or acre-feet of water and 0 second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: None returned.

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

Question 8 - Location of diversion.

The location of diversion will vary as shown below for the various gas wells. Your office was contacted, and it was decided that one permit was the appropriate way to file for water rather than file a permit for each separate gas well. Dorothy Boulton was the person contacted.

The high point of diversion on the Green River will be at point 2400' FNL and 1800' FEL Sec. 2 T7S R21E. The low point of diversion on the Green River will be at point 2000' FNL and 2100' FWL of Section 27 T6S R21E.

Question 12 - Minerals under the ground are leased by applicant. The surface is federally controlled.

Question 20 - The water will be used within the Horseshoe Bend Area (field is not named since these wells are exploratory) within the following sections:

Section 35 T6S R21E

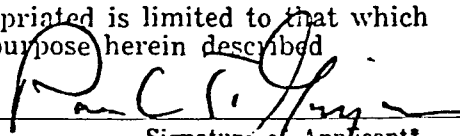
Section 26 T6S R21E

Section 2 T7S R21E

Section 27 T6S R21E

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described


Signature of Applicant*

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, } ss
County of.....

On the day of, 19....., personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

(SEAL)

Notary Public

FEEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

RECEIVED

AUG 20 1980

Flow rate — c.f.s.

Cost

0.0 to 0.1	\$ 15.00
over 0.1 to 0.5	30.00
over 0.5 to 1.0	45.00-
over 1.0 to 15.0	45.00
over 15.0	150.00

plus \$7.50 for each cfs above the first cubic foot per second.

WATER RIGHTS

RECEIVED

SEP 5 1980

Storage — acre-feet

0 to 20	22.50-
over 20 to 500	45.00
over 500 to 7500	45.00
over 7500	150.00

plus \$7.50 for each 500 a.f. above the first 500 acre feet.

WATER RIGHTS

(This section is not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

- 8-20-80 Application received by mail over counter in State Engineer's office by RF
- Priority of Application brought down to, on account of
- 9/15/80 Application fee, \$45.00, received by WA Rec. No. 08141
- Application microfilmed by Roll No.
- Indexed by Sept 16, 80 TC Platted by
- 8/27/80 Application examined by R.F.H.
- 8/27/80 Application returned, R.F.H. or corrected by office
- 9/8/80 Corrected Application resubmitted by mail over counter to State Engineer's office.
- 9/10/80 Application approved for advertisement by R.F.H.
- Notice to water users prepared by
- Publication began; was completed
- Notice published in
- Proof slips checked by
- Application protested by
- Publisher paid by M.E.V. No.
- Hearing held by
- Field examination by
- 10/6/80 Application designated for approval SG & R.F.G.
- 10/9/80 Application copied or photostated by dph proofread by
- 10/9/80 Application approved rejected
- Conditions:

This Application is approved, subject to prior rights, as follows:

- Actual construction work shall be diligently prosecuted to completion.
- Proof of Appropriation shall be submitted to the State Engineer's office by NPR
- TEMPORARY APPLICATION -- EXPIRES FEBRUARY 23, 1981.

TEMPORARY

Dee C. Hansen
Dee C. Hansen, State Engineer

- Time for making Proof of Appropriation extended to
- Proof of Appropriation submitted.
- Certificate of Appropriation, No. issued

Application No. 55205

TEMPORARY

R

FILE NOTATIONS

DATE: Nov. 21, 1980
OPERATOR: Snyder Oil Company
WELL NO: Horseshoe Bend Federal 1-35
Location: Sec. 35 T. 6S R. 21E County: Uintah

File Prepared: ☐ Entered on N.I.D: ☐
Card Indexed: ☐ Completion Sheet: ☐

API Number 43-047-30816

CHECKED BY:

Petroleum Engineer: _____
Director: OK as per order issued in case
145-2
Administrative Aide: _____

APPROVAL LETTER:

Bond Required: ☐ Survey Plat Required: ☐
Order No. 145-2 OCT 23, 1980 O.K. Rule C-3 ☐
Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site ☐
Lease Designation FED. Plotted on Map ☒
Approval Letter Written ☒
Hot Line ☒ P.I. ☒

3

November 15, 1980

Snyder Oil Co.
410 17th Street
Suite 1300
Denver, Colo 80202

Re: Well No. Horseshoe Bend Fed 1-35
Sec. 35, T.6S, R. 21E.
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above gas well is hereby granted in accordance with the order issued in cause No. 145-2 dated October 23, 1980.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

Michael T. Minder
Home: 876-3001
Office: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30816

Sincerely,

DIVISION OF OIL, GAS AND MINING

~~Cleon B. Feight~~

Cleon B. Feight
Director

/do
cc: USGS

DUPLICATE

SUBMIT IN TRIPlicate*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐

2. NAME OF OPERATOR

Snyder oil Company

3. ADDRESS OF OPERATOR

410 17th Street, Suite 1300 Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1511' FWL 1461' FSL 35-6S-21E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15 miles south Vernal Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1715

16. NO. OF ACRES IN LEASE

635.15

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1461

19. PROPOSED DEPTH

3520

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4748 ungraded ground

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	200	Sufficient to reach surface. Depends on productive zones.
7 7/8	5 1/2	15.5	TD	

See attached:

- 1) Ten Point Drilling Program
- 2) Multipoint Surface Use and Operation Plan

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Agent

DATE

11-11-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(Orig. Sgd.) A. M. RAFFOUL

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

FOR

E. W. GUYNN
DISTRICT ENGINEER

DATE

JAN 20 1981

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

NOTICE OF APPROVAL

Production Facilities and Flowline NOT Approved

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

Identification CER/EA No. 89-81

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Snyder Oil Company
Project Type Gas Well Drilling
Project Location 1511' FWL 1461' FSL Section 35, T. 6S, R. 21E
Well No. 1-35 Lease No. U-38404
Date Project Submitted November 12, 1980

FIELD INSPECTION Date December 16, 1980

Field Inspection
Participants

Greg Darlington	USGS, Vernal
Gary Slagel	BLM, Vernal
Earl Cady	Ross Construction
John McCatharn	Snyder Oil Company

Related Environmental Documents: Unit Resource Analysis, Ashley Creek Planning
Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

December 29, 1980
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

12/30/80
Date

Earl Cady
District Supervisor

Typing In 12-29-80 Typing Out 12-29-80

PROPOSED ACTION:

Snyder Oil Company proposes to drill the Snyder 1-35 well, a 3520 foot test of the Uintah and Green River formations. A 900 foot long new access road of 18 feet width will be required in addition to maintenance on existing roads from the point they leave the county road. A pad 165 feet by 300 feet and a reserve pit 100 feet by 150 feet are planned for the location. Water would be pumped from the Green River rather than hauled for this project. The location is on a flat hill about 80 feet above the alluvial plain of the Green River. The Green River is about .4 miles to the west of this location. The reserve pit will be situated in solid cut material.

RECOMMENDED APPROVAL CONDITIONS:

Drilling should be allowed provided the operator agrees to incorporate the following measures into the APD and operating plans and adhere to them:

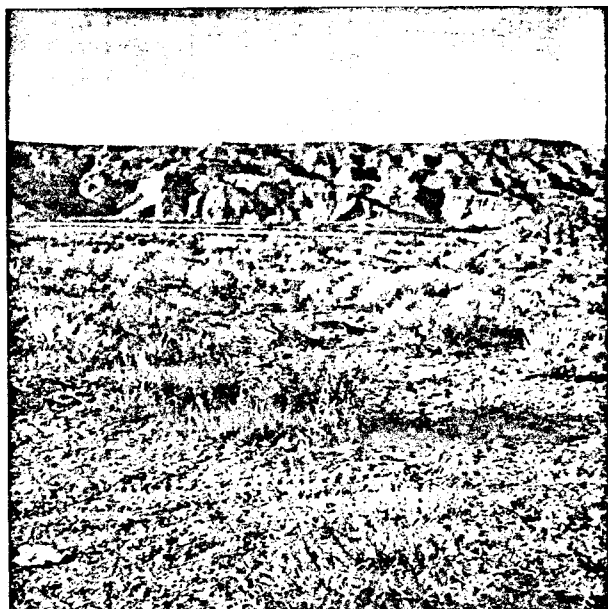
1. Lease Stipulations
2. BLM Stipulations
3. Provide adequate logs as requested in the Mineral Evaluation Report and Mining Report.
4. Maintain approved water use permits for the sources used during drilling operations. (Temporary permits have been included in the APD.)

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

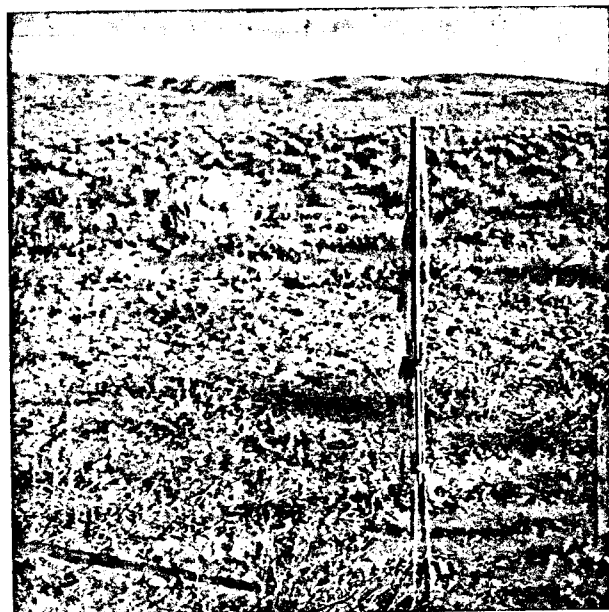
Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 3, 6	12-16-80	
Unique charac- teristics							1, 2, 3, 6	12-16	
Environmentally controversial							1, 2, 3, 6	12-16	
Uncertain and unknown risks							1, 2, 3, 6	12-16	
Establishes precedents							1, 2, 3, 6	12-16	
Cumulatively significant							1, 2, 3, 6	12-16	
National Register historic places							1, 6	12-16	
Endangered/ threatened species							1, 6	12-16	
Violate Federal, State, local, tribal law							1, 2, 3, 6	12-16	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. USGS conditions of approval.



West View
Snyder 1-35 T65, R21E



East View
Snyder 1-35 T65, R21E.

STIPULATIONS FOR LANDS IN OIL SHALE WITHDRAWAL,
EXECUTIVE ORDER 5327 OF APRIL 15, 1930

The lessee under the above oil and gas lease hereby agrees that the following agreement and stipulations are by this reference incorporated as terms and conditions of said lease as to the following lands:

☒ All the lands in the lease.

☐

The lessee agrees that:

1. No wells will be drilled for oil or gas except upon approval of the Area Oil and Gas Supervisor of the Geological Survey, it being understood that drilling will be permitted only in the event that it is established to the satisfaction of the Supervisor that such drilling will not interfere with the mining and recovery of oil shale deposits or the extraction of shale oil by in situ methods or that the interest of the United States would best be served thereby.
2. No wells will be drilled for oil or gas at a location which, in the opinion of the Area Oil and Gas Supervisor of the Geological Survey, would result in undue waste of oil shale deposits or constitute a hazard to or unduly interfere with mining or other operations being conducted for the mining and recovery of oil shale deposits or the extraction of shale oil by in situ methods.
3. When it is determined by the Area Oil and Gas Supervisor of the Geological Survey that unitization is necessary for orderly oil and gas development and proper protection of oil shale deposits, no well shall be drilled for oil or gas except pursuant to an approved unit plan.
4. The drilling or the abandonment of any well on this lease shall be done in accordance with applicable oil and gas operating regulations including such requirements as the Area Oil and Gas Supervisor of the Geological Survey may prescribe as necessary to prevent the infiltration of oil, gas or water into formations containing oil shale deposits or into mines or workings being utilized in the extraction of such deposits.

Oil and Gas
U-38404

Stipulation

No occupancy or other surface disturbance within 600 feet of live water located in lots 4-6, SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35, T. 6 S., R. 21 E., SLM, Utah, is allowed under this lease. This distance may be modified when specifically approved in writing by the District Engineer, Geological Survey, with the concurrence of the District Manager, Bureau of Land Management.

Oil and Gas
U-38404

Stipulation

The lands under this lease contain an unplugged well. Should the lessee acquire title to the unplugged well on lands covered by this lease, (a) the lessee shall assume from the previous owner the responsibility for said well including, but not limited to, the eventual proper plugging and abandoning thereof, and (b) the lessee shall immediately after acquiring title to said well notify the Oil and Gas Supervisor, Casper, Wyoming, and file with the Bureau of Land Management, Salt Lake City, Utah, a bond in the penal sum of \$10,000 referred to in Sec. 2(a)(2) of this lease.



United States Department of the Interior

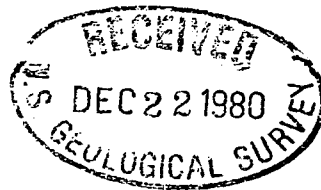
IN REPLY REFER TO

T. & R
U-801

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

December 16, 1980

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104



RE: Joint Onsite Inspection
Snyder Oil Company
T6S, R21E, Sections 26 & 35
Federal #1-26, U-38401
Federal #1-35, U-38404

Dear Sir:

On December 16, 1980 a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Snyder Oil Company, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and travelling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 point plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.



6. A burn pit will not be constructed. There will be no burying of garbage and trash at the well sites. All trash must be contained and hauled to an approved disposal site.
7. At location Federal #1-26, the entire pad will be moved 50 feet directly south. At this same location, the topsoil will be stockpiled in the northwest corner between stakes 2 and 3.
8. All permanent (on site for six (6) months duration or longer) structures constructed or installed shall be painted a flat (non-reflective) earth tone color to match Olympic (Division of Comerco, Inc., Seattle, WA 98107) Overcoat "CLAY". Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.

An archaeological clearance has been conducted by Archaeological-Environmental Research Corporation of the proposed drill sites and access roads. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna and their habitats.

Sincerely,



Ralph Heft
Area Manager
Diamond Mountain Resource Area

cc: USGS, Vernal

PREPARED

NOTICE OF SPUD

P Snyder Oil Co.

CALL 00 1017
DIVISION OF
OIL, GAS & MINING

Caller: Ed Feely

Well Number: Horseshoe Bend 1-35

Location: NESW 35-6S-21E

County: Utah State: Utah

Lease Number: U-38404

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 3-9-81 11:00 A.M.

Dry Hole Spudder/Rotary: Rat hole digger

Details of Spud (Hole, Casing, Cement, etc.) 200' of 12 1/4" ran 200' 8 5/8" csg - cmt to surface

Rotary Rig Name & Number: _____

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: K.R.

Date: 3-6-81

April 9, 1981



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

October 13, 1981

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE MCINTYRE

Snyder Oil Company
410 17th Street
Suite 1300
Denver, CO 80202

Re: See Attached Sheet

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

TERRI REID
CLERK TYPIST

Enclosure

Well No. Horseshoe Bend Federal 1-35
Sec. 35, T. 6S, R. 21E
Uintah County, Utah
(April 1981, thru September 1981)

Well No. Baser Draw Federal #1-31
Sec. 31, T. 6S, R. 22E
Uintah County, Utah
(March 1981 thru September 1981)

Well No. West Walker Federal 1-33
Sec. 33, T. 6S, R. 22E
Uintah County, Utah
(March 1981 thru September 1981)

Well No. Horseshoe Bend State 1-2
Sec. 2, T. 7S, R. 21E
Uintah County, Utah
(April 1981 thru September 1981)

Well No. West Walker Federal 1-9
Sec. 9, T. 7S, R. 22E
Uintah County, Utah
(March 1981 thru September 1981)

Well No. Glen Bench Unit # 1-10
Sec. 10, T. 8S, R. 22E
Uintah County, Utah
(February 1981 thru September 1981)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐ dry

2. NAME OF OPERATOR
v Snyder Oil Company

3. ADDRESS OF OPERATOR
SOCO Plaza 7th FL. 1800 Glenarm Pl. Denver, Co.

4. LOCATION OF WELL (REPEAT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1151' FWL, 1461' FSL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA:

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☒
(other) ☐

☐
☐
☐
☐
☐
☐
☐
☐

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Received verbal approval to plug and abandon well on 12/4/81 as follows: Plugs setting interval & cement

3350'-3100' 30 sx Class "G"

NOTE:

2200'-2000' 30 sx Class "G"

A dry hole marker will be installed and the location will be reseeded next spring.

100'-surface 15 sx Class "G"

annulus 100'-surface 20 sx Class "G"

Casing to be left in hole: 3520', 5 1/2", 15.5#, K-55, casing
200', 8-5/8", 24#, K-55

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED Paul T. Gayer TITLE Div. Eng. Manager DATE December 8, 1981

APPROVED BY E. W. Gwynn TITLE District Oil & Gas Supervisor DATE DEC 21 1981
CONDITIONS OF APPROVAL, IF ANY _____

*See Instructions on Reverse Side

NOTIFIED USGS, JIMMY RAFOOL, SALT LAKE, 9:50 AM 12/24/81 OF OUR
INTENT TO PLUG THIS WELL MONDAY 12/28/81. KOD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Dry

2. NAME OF OPERATOR

Snyder Oil Company

3. ADDRESS OF OPERATOR

Denver,

SOCO Plaza, 7th Floor, 1800 Glenarm Pl., Co. 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1151' FWL, 1461' FSL

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐CHANGE ZONES ☐ABANDON* ☐(other) ☐☐☐☐☐☐☐☐☐☒5. LEASE
U-384046. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A7. UNIT AGREEMENT NAME
N/A8. FARM OR LEASE NAME
Horseshoe Bend Federal9. WELL NO.
1-3510. FIELD OR WILDCAT NAME
Wildcat11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 35, T6S, R21E12. COUNTY OR PARISH
Uintah13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DEPTH, KDB, AND WD)
4748 GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The well was plugged and abandoned on 12/31/81 as follows

Cement plugs were set at:

3350' - 3310' 30 Sx Class 'G'

2200' - 2000' 30 Sx Class 'G'

100' - Surface 15 Sx Class 'G'

Set Dry Hole Marker

100' annulus between 5 1/2" and 8 5/8" 20 Sx Class 'G'

Casing left in hole 3250', 5 1/2", 15.5#, K-55 casing
and 200', 8 5/8", 24#, K-55 casing.

The location has been cleaned up. Location will be rehabilitated and reseeded next Spring.

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

Paul T. Gayer

TITLE Div. Engr. Manager

DATE

1/14/82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE
(See instructions on reverse)

Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. U-38404	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. LESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Snyder Oil Company				7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR SOCO Plaza, 7th Floor, 1800 Glenarm Pl., Denver, Co. 80202				8. FARM OR LEASE NAME Horseshoe Bend Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1151' FWL, 1461' FSL At top prod. interval reported below Same At total depth Same				9. WELL NO. 1-35	
14. PERMIT NO. 43-047-30816				DATE ISSUED 1/20/80	
15. DATE SPUNDED 5/5/81		16. DATE T.D. REACHED 5/12/81		17. DATE COMPL. (Ready to prod.) 12/31/81	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4748' GR		19. ELEV. CASINGHEAD		10. FIELD AND POOL, OR WILDCAT Wildcat	
20. TOTAL DEPTH, MD & TVD 3520'		21. PLUG, BACK T.D., MD & TVD Surface		22. IF MULTIPLE COMPL., HOW MANY* N/A	
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-3520		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* N/A				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-DIL, GR-FCE-CNL				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	200'	12 1/4"		None
5 1/2"	15.5	3520'	7 7/8"	425 Sx Cmt.	None
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)					
3314-20 2SPF 3267-70 2 SPF, 3261-64, 3236-40, 3180-84 2 SPF			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
			3314-20	750 gal. 7 1/2% HCL	
			3267-70	60 sx Class 'G' cmt.	
33.* PRODUCTION					
DATE FIRST PRODUCTION N/A		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.
FLOW. TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.
				WATER—BBL.	GAS-OIL RATIO
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)				TEST WITNESSED BY	
35. LIST OF ATTACHMENTS					

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Paul T. Gayer TITLE Division Engineering Mgr. DATE 1/19/82

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			DST #1 2556'-2695': recovered 20½ drlg and DST #2 3159'-3272': recovered 1050' of water cut mud	Uintah B Uintah E Green River	3021' 3372' 3452'	



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 5, 1982

Snyder Oil Company
410 17th Street
Suite 1300
Denver, Colorado 80202

Re: See attached
(SECOND NOTICE)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

Well No. Horseshoe Bend Federal 1-35
Sec. 35, T. 6S, R. 21E
Uintah County, Utah
(October 1981- December 1981)

Well No. Baser Draw Federal 1-31
Sec. 31, T. 6S, R. 22E
Uintah County, Utah
(October 1981- December 1981)

Well No. West Walker Federal 1-33
Sec. 33, T. 6S, R. 22E
Uintah County, Utah
(October 1981- December 1981)

Well No. Horseshoe Bend State 1-2
Sec. 2, T. 7S, R. 21E
Uintah County, Utah
(October 1981- December 1981)

Well No. West Walker Federal 1-9
Sec. 9, T. 7S, R. 22E
Uintah County, Utah
(October 1981- December 1981)

Well No. Glen Bench Unit 1-10
Sec. 10, T. 8S, R. 22E
Uintah County, Utah
(October 1981- December 1981)

SECOND NOTICE ON ALL ABOVE WELLS.



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 15, 1982

Snyder Oil Company
SOCO Plaza, 7th Floor
1800 Glenarm Place
Denver, Colorado 80202

Re: Well No. Horseshoe Bend Federal #1-35
Sec. 35, T. 6S, R. 21E.
Uintah County, Utah

Well No. West Walker State #2-32
Sec. 32, T. 6S, R. 22E.
Uintah County, Utah

Well No. Glen Bench Unit #1-10
Sec. 10, T. 8S, R. 22E.
Uintah County, Utah

Well No. West Walker Federal #1-33
Sec. 33, T. 6S, R. 22E.
Uintah County, Utah

Well No. West Walker State #1-32
Sec. 32, T. 6S, R. 23E.
Uintah County, Utah

Well No. Lansdale Federal #1-11
Sec. 11, T. 7S, R. 24E.
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office (respectively) January 19, 1982, February 17, 1982, June 30, 1981, February 17, 1982, June 9, 1981, & October 14, 1981, from above referred to wells, indicates the following electric logs were run(respectively): 1-35: GR-DIL, GR-FCE-CNL; 2-32: GR-FDC-CNL TD-SC, GR-DIL TD-SD; 1-10: DIL-GR, FDC-CNL-GR, BHC-GR, GR-CBL; 1-33: GR-CBL, GR-DIL TD to SC, GR-FDC-CNL TD to SC; 1-32: Open Hole FDC-CNL, DIL, CBL; 1-11: FDC-CNL w/ GR, DIL, CBL. As of todays date, this office has not received these logs: 1-35: All listed above; 2-32: All listed above; 1-10: GR-CBL; 1-33: GR-CBL; 1-32: Open Hole, CBL; 1-11: CBL.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the elctric and radioactivity logs.

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert R. Norman • Margaret R. Bird • Herm Olsen

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STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

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Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist



Snyder Oil Company

SOCO Plaza, 7th Floor
1800 Glenarm Place
Denver, Colorado 80202
(303) 620-8400

April 26, 1982

State of Utah
Natural Resources and Energy
4241 State Office Building
Salt Lake City, Utah 84114

RE: Your letter dated 3-15-82
Uintah County, Utah well logs

Enclosed please find one copy of each of the logs you requested on several of our Uintah County, Utah wells; as outlined below:

Well Name & Location

Logs Enclosed

Horseshoe Bend Federal 1-35
Sec. 35-T6S-R21E

DIL, FDC/CNL P&A

W. Walker State 2-32
Sec. 32-T6S-R22E

DIL, FDC/CNL, RFT POW

White River Federal 1-10
Sec. 10-T8S-R22E
(note well name change)

GR-CBL POW

W. Walker Federal 1-33
Sec. 33-T6S-R22E

GR-CBL POW

W. Walker State 1-32
Sec. 32-T6S-R23E

GR-CBL POW
GR-CBL

Lansdale Federal 1-11
Sec. 11-T7S-R24E

CBL POW

Very truly yours,

Dave Cook
Division Geological Engineer

SEC/jcb

enclosures